Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 19 May 2023 until 23:59 on Saturday 20 May 2023

Forecast Issued on Friday 19 May 2023 at 02:37

Confidence: High for overall story, reducing slightly regarding shower risk Friday afternoon.

Headline for Friday 19 May 2023: Cloud lifting through the morning to give sunny spells and showers in the afternoon.

Mountain weather hazards on Friday 19 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	30%	40%	40%	30%	<05%

Forecast for Friday 19 May 2023

Weather: Cloud thickening as a band of light rain and drizzle lies over the park to start. Through the morning cloud will slowly lift and break, allowing sunny spells to develop. Rain will turn showery from late morning, mostly light but one or two heavy and thundery showers are possible. Showers clearing into the evening with some late sunny spells.

Chance of cloud-free hill tops above 600m: 20% rising to 80% by midday.

Low cloud and visibility: Broken cloud and drizzly outbreaks of rain above 300-500m likely at first, giving some poor visibilities to start the day. Cloud lifting and breaking through the morning to allow very good visibilities to develop, although visibility may reduce to very poor temporarily in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 19 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 W	5/8 W	5/8 N	9/14 NE	11/15 NE	11/15 E	10/13 E
300	4/5 W	4/7 NW	6/9 NW	7/13 NE	7/12 NE	6/11 E	5/8 E
Valley	2/4 W	3/5 NW	4/8 NW	6/13 NE	7/13 NE	6/12 E	5/11 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/7	8/7	10/9	11/9	10/8	8/6	7/5
300	10/10	10/10	13/12	13/12	13/12	11/10	9/8
Valley	11/11	11/11	14/14	15/14	14/12	12/10	10/8
Freezing Level*	1800m	2100m	2000m	2000m	2000m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Not too bad a day once morning low cloud has lifted. High UV levels in any sunny spells that do develop, most likely in the afternoon, so extra sun protection essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 19 May 2023	0mm	0.4mm	0.4mm

Forecast for Saturday 20 May 2023

Weather: Some patchy low cloud to start the day, mainly on eastward facing slopes. Cloud soon lifting and breaking through the morning however to give a fine and dry day with plenty of sunshine.

Maximum wind: Northeasterly 7-10 mph, with gusts up to 15 mph.

Chance of cloud-free hill tops above 600m: 30% at first on eastward facing slopes, otherwise 90%.

Low cloud and visibility: Low cloud initially covering eastern slopes giving some poor visibilities to start. Otherwise very good to excellent visibilities expected.

Temperature: **Valleys:** Plus 8 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 5 Celsius, rising to Plus 12 Celsius.
Freezing level: Well above summits.

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